

Appl. No. 10/696,235
Amdt. Dated August 30, 2005
Reply to Office Action of April 7, 2005

Amendments to the Claims:

This listing of Claims will replace all prior versions, and listings, of Claims in the application.

Listing of Claims:

1 - 6. (Canceled)

7. (Currently Amended) An image processing system comprising:
an input that receives a plurality of source image data, said plurality of source
image data further comprising a plurality of source image data formats;
circuitry that resamples source image data from said source image data format to
a plurality of target image data formats;
a display that renders target image data wherein the resolution of the display
comprises approximately one half resolution of the largest of said plurality of target
image data formats;

~~The image processing system of Claim 1~~ wherein said circuitry further
comprises rendering circuitry that performs subpixel rendering of said source image
data.

8. (Original) The image processing system of Claim 7 wherein said
rendering circuitry further comprises:
resampling circuitry that area resamples said source image data.

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9. (Original) The image processing system of Claim 7 wherein said rendering circuitry further comprises:

selection circuitry that selects one of a plurality of filter kernels; and

selection rendering circuitry that performs subpixel rendering upon said source image data according to the selected filter kernel.

10. (Currently Amended) An image processing system comprising:

an input that receives a plurality of source image data, said plurality of source image data further comprising a plurality of source image data formats;

circuitry that resamples source image data from said source image data format to a plurality of target image data formats;

a display that renders target image data wherein the resolution of the display comprises approximately one half resolution of the largest of said plurality of target image data formats;

~~The image processing system of Claim 1, further comprising:~~

detection circuitry that detects the resolution of the source image data;

resampling circuitry that resamples said source image data depending upon the detected resolution of the source image data; and

section circuitry that selects filter kernels for subpixel rendering said source image data.

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11. (Original) The image processing system of Claim 10, said resampling circuitry for performing resampling of source image data further comprising one of a group, said group comprising circuitry for cubic interpolation, bicubic interpolation, sinc, and windowed sinc functions.

12 - 23. (Canceled)

24. (Currently Amended) A method for rendering a target image data, the steps of said method comprising:

inputting a plurality of source image data, said plurality of source image data further comprising a plurality of source image data formats;

resampling source image data from said source image data format to a plurality of target image data formats;

rendering target image data onto a display wherein the resolution of the display comprises approximately one half of resolution of the largest of said plurality of target image data formats; and

~~The method of Claim 18~~ wherein said step of resampling source image data further comprises performing subpixel rendering of said source image data.

25. (Original) The method of Claim 24 wherein said step of performing subpixel rendering of said source image data further comprises performing area resampling of said source image data.

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26. (Original) The method of Claim 24 wherein said step of performing subpixel rendering of said source image data further comprises:

selecting one of a plurality of filter kernels;

performing subpixel rendering upon said source image data according to the selected filter kernel.

27. (Currently Amended) A method for rendering a target image data, the steps of said method comprising:

inputting a plurality of source image data, said plurality of source image data further comprising a plurality of source image data formats;

resampling source image data from said source image data format to a plurality of target image data formats;

rendering target image data onto a display wherein the resolution of the display comprises approximately one half of resolution of the largest of said plurality of target image data formats;

~~The method of Claim 18 wherein said method further comprises:~~

~~detecting the resolution of the source image data;~~

~~resampling said source image data depending upon the detected resolution of the source image data; and~~

~~selecting filter kernels for subpixel rendering said source image data.~~

28 – 31. (Canceled)

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32. (Currently Amended) An image processing system, comprising:
means for inputting a plurality of source image data, said plurality of source
image data further comprising a plurality of source image data formats;
means for resampling source image data from said source image data format to
a plurality of target image data formats;
means for rendering target image data onto a display wherein the resolution of
the display comprises approximately one half of resolution of the largest of said plurality
of target image data formats; and

~~The method of Claim 29~~ wherein said means for resampling source image data further comprises means for performing subpixel rendering of said source image data.

33. (Original) The image processing system of Claim 32 wherein said means for performing subpixel rendering of said source image data further comprises performing area resampling of said source image data.

34. (Currently Amended) The method image processing system of Claim 32 wherein said means for performing subpixel rendering of said source image data further comprises:

means for selecting one of a plurality of filter kernels;

means for performing subpixel rendering upon said source image data according to the selected filter kernel.

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35. (Currently Amended) An image processing system, comprising:
means for inputting a plurality of source image data, said plurality of source
image data further comprising a plurality of source image data formats;
means for resampling source image data from said source image data format to
a plurality of target image data formats;
means for rendering target image data onto a display wherein the resolution of
the display comprises approximately one half of resolution of the largest of said plurality
of target image data formats;

~~The method of Claim 29 wherein said image processing system comprises:~~
means for detecting the resolution of the source image data;
means for resampling said source image data depending upon the detected
resolution of the source image data; and
means for selecting filter kernels for subpixel rendering said source image data.